

Amendments to the claims

This listing of claims in this amendment is used to replace all original claims.

Listing of Claims:

- [32] (Previous claim1, deleted)1. ~~A windshield heating air appliance made from a transparent plastic or other transparent materials; said windshield heating air appliance is attached to said windshield surface through said top, left, right and bottom T edges, and said dashboard support edge is designed to attached to said dashboard; said T edge is 1.5 inches tall and 1.0 inches wide, and said dashboard support edge is 0.8 inches wide; said windshield heating air appliance together with said windshield and said dashboard, complete the assembly referred as "controlled heating air space" where said temperature can be quickly heated up and maintained by said hot air supply from said dashboard air vents.~~
- [33] (Previous claim 2, deleted)2. ~~Said windshield heating air appliance in accordance with claim 1 eliminates the moisture contacting said automobile windshield, and heated "controlled heating air space" in accordance with claim 1 prevents fogging of said heated windshield heating air appliance; therefore, protects the driver visibility in a wet or cold climate.~~
- [34] (Previous claim3, deleted)3. ~~Said "controlled heating air space" in accordance with claim 1 consumes less than 5% of said automobile interior space; to melt the ice on said automobile windshield requires heating only said "controlled heating air space" instead of heating said entire automobile interior space, thus significantly increases the heating efficiency, speeds up ice melting, saves energy and reduces pollution.~~
- [35] (Previous claim4, deleted)4. ~~A windshield sunglass device contains a rotatable core, said rotatable core is portable, and contains a roll of plastic windshield sunglass, said plastic windshield sunglass has a hard handle attached at the end; to use said plastic windshield sunglass, said hard handle needs to be pull out and locked into handle holders attached on an automobile windshield heating air appliance; to put away said plastic windshield sunglass, release said hard handle from said handle holders, said~~

~~plastic windshield sunglass will be automatically rotated back into said rotatable core;
said automobile windshield heating air appliance is equipped with sunglass devices.~~

[36] ~~(Previous claim5, deleted)5.. Another simpler plastic windshield sunglass has a series
holes spreading on its edges, and said related automobile windshield heating air
appliance has corresponding hollow columns that are used as mounts for said plastic
windshield sunglasses.~~

(New Claim)1. A windshield anti-fogging device comprising:

- a windshield heating air appliance which is a curved panel having a shape that essentially coincides with the shape of a windshield, and is adapted to be attached along its peripheral edges to said windshield in such a manner that a controlled windshield heating air space is created; said controlled windshield heating air space retains heated air in an isolated room adjacent to said internal windshield surface to prevent fogging of said windshield and to enhance thawing of ice accumulated on said windshield and,
- a dashboard windshield air vents cover attached to said dashboard to retain the heated air supplied by said dashboard windshield air vents and,
- a flexible male connector of said dashboard windshield air vents cover which joins to a female connector of said windshield heating air appliance to construct a channel that supplies heated air from said dashboard windshield air vents to said controlled windshield heating air space.

(New Claim)2. Another windshield anti-fogging device comprising:

- said windshield heating air appliance in accordance with claim 1,
- a flexible stand-alone male connector attached to said dashboard windshield heated air outlet to retain the heated air supplied by a dashboard windshield heated air outlet and,
- said flexible stand-alone male connector which joins to said female connector of said windshield heating air appliance to construct a channel that supplies heated air from said dashboard windshield heated air outlet to said controlled windshield heating air space.

(New Claim)3. Said windshield heating air appliance in accordance with claim 1 is made of transparent plastics.

(New Claim)4. Said dashboard windshield air vents cover in accordance with claim 1 and said flexible stand-alone male connector in accordance with claim 2 are made of transparent plastics.